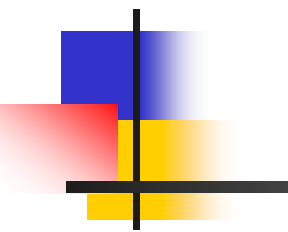


# Patterns of treatment and survival in oesophago-gastric cancer patients: an analysis using routine data



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# Collaborators

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- National O-G Cancer Audit team
  - RCS England: Tom Palser, David Cromwell, Jan van der Meulen
  - AUGIS: Richard Hardwick
  - BSG: Stuart Riley
  - NCASP: Kimberley Greenaway, Steve Dean
- Thames Cancer Registry
  - Henrik Moller, Karen Linklater



# Background

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- Improved care of O-G cancer patients:
  - Care should be managed by MDTs
  - Curative surgery centralised into specialist centres
  - More interventional palliative therapies
- Picture given by routine data sources
  - Cancer Registries
    - Excellent coverage, good tumour data, limited care history
  - Hospital Episode Statistics (HES)
    - Incomplete coverage, detailed history of inpatient care



# In first year of Audit

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- Aim:
  - Combine Cancer Registry data with HES and
  - Describe the patterns of care and survival of O-G cancer patients in England

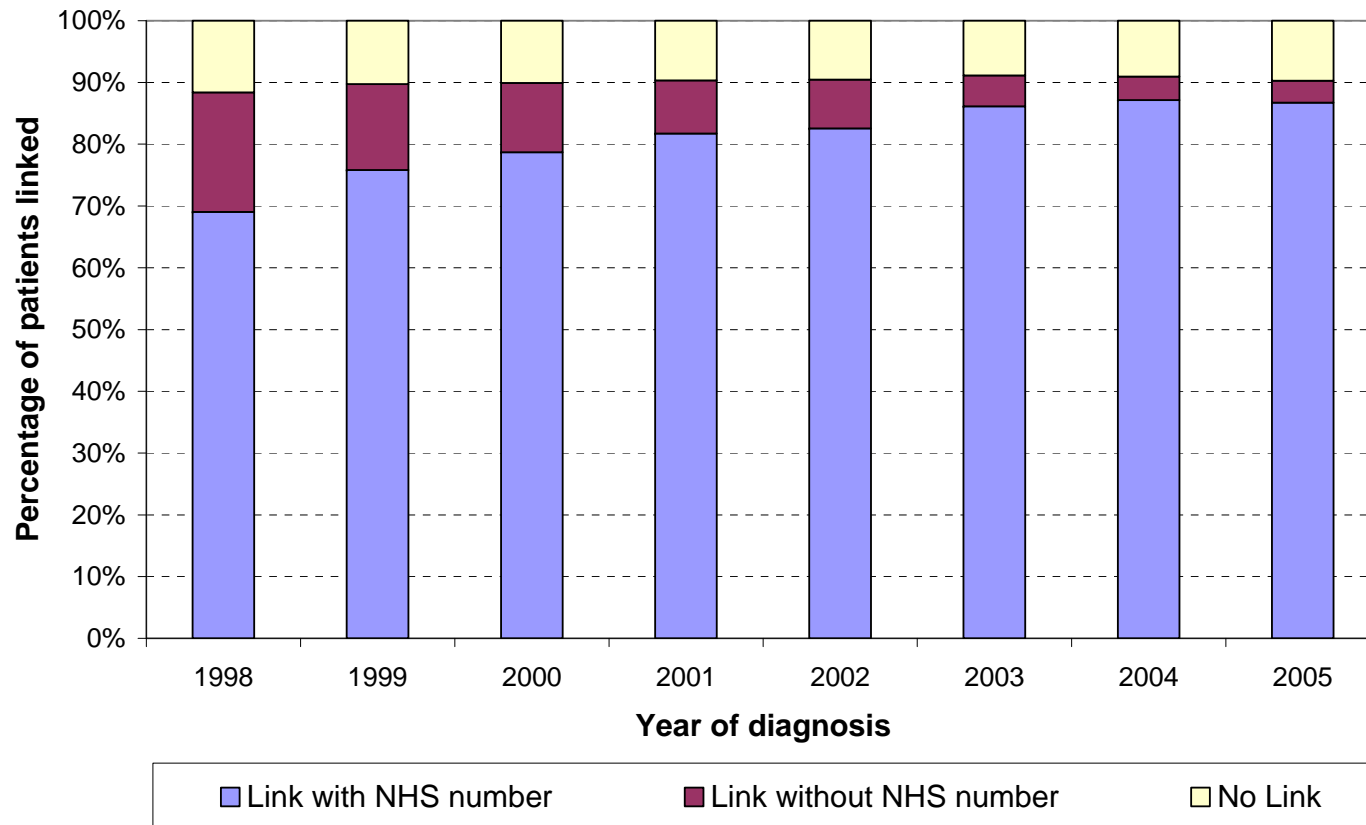


# Method

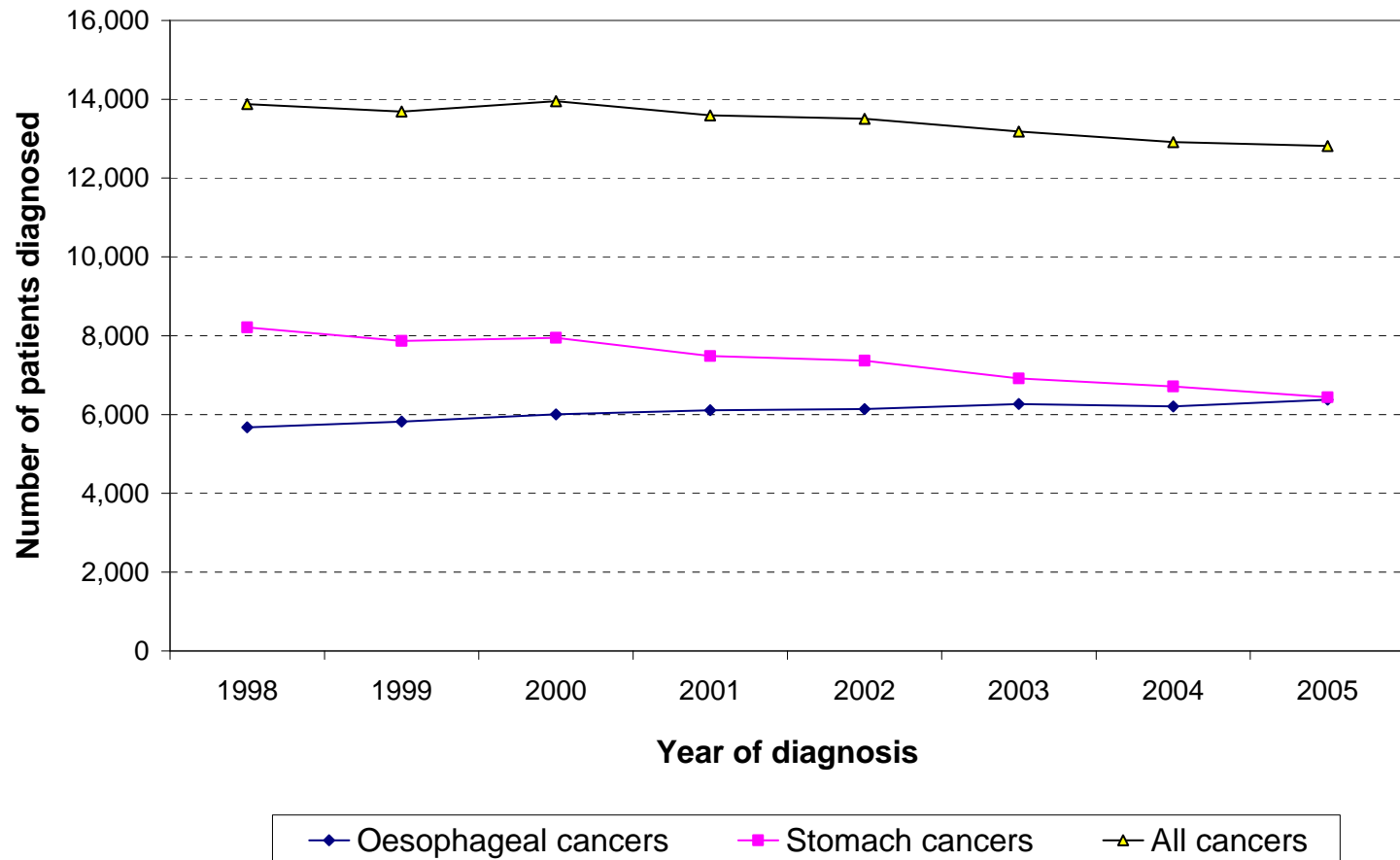
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- Data collated from all English Cancer Registries
- Patient records in Registry data matched with records extracted from HES
  - Matched on NHS number, sex, date of birth, date of death and/or postcode.
  - Covered diagnoses between 1998 and 2005

# Registry cases mapped to HES

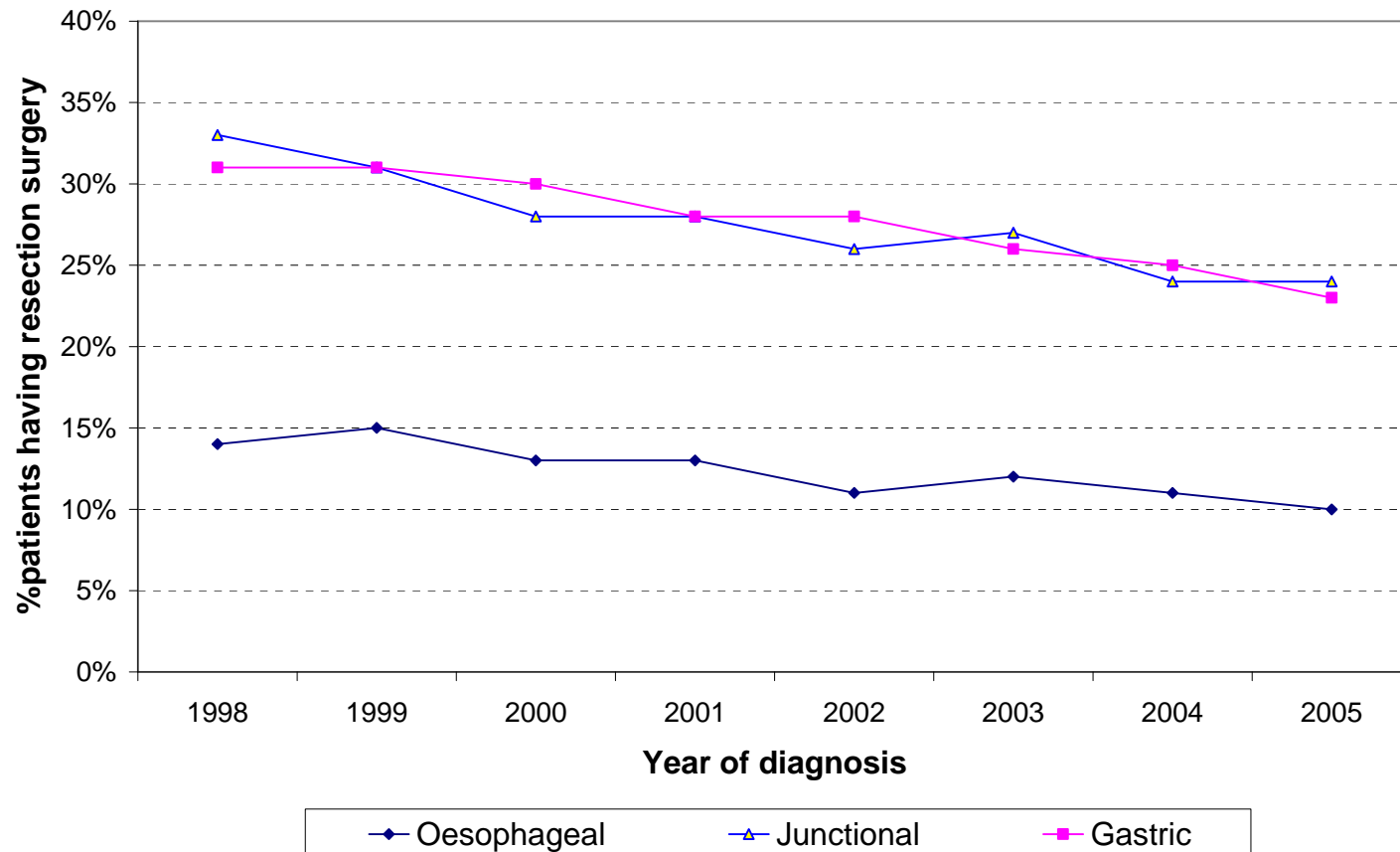


# Patient characteristics



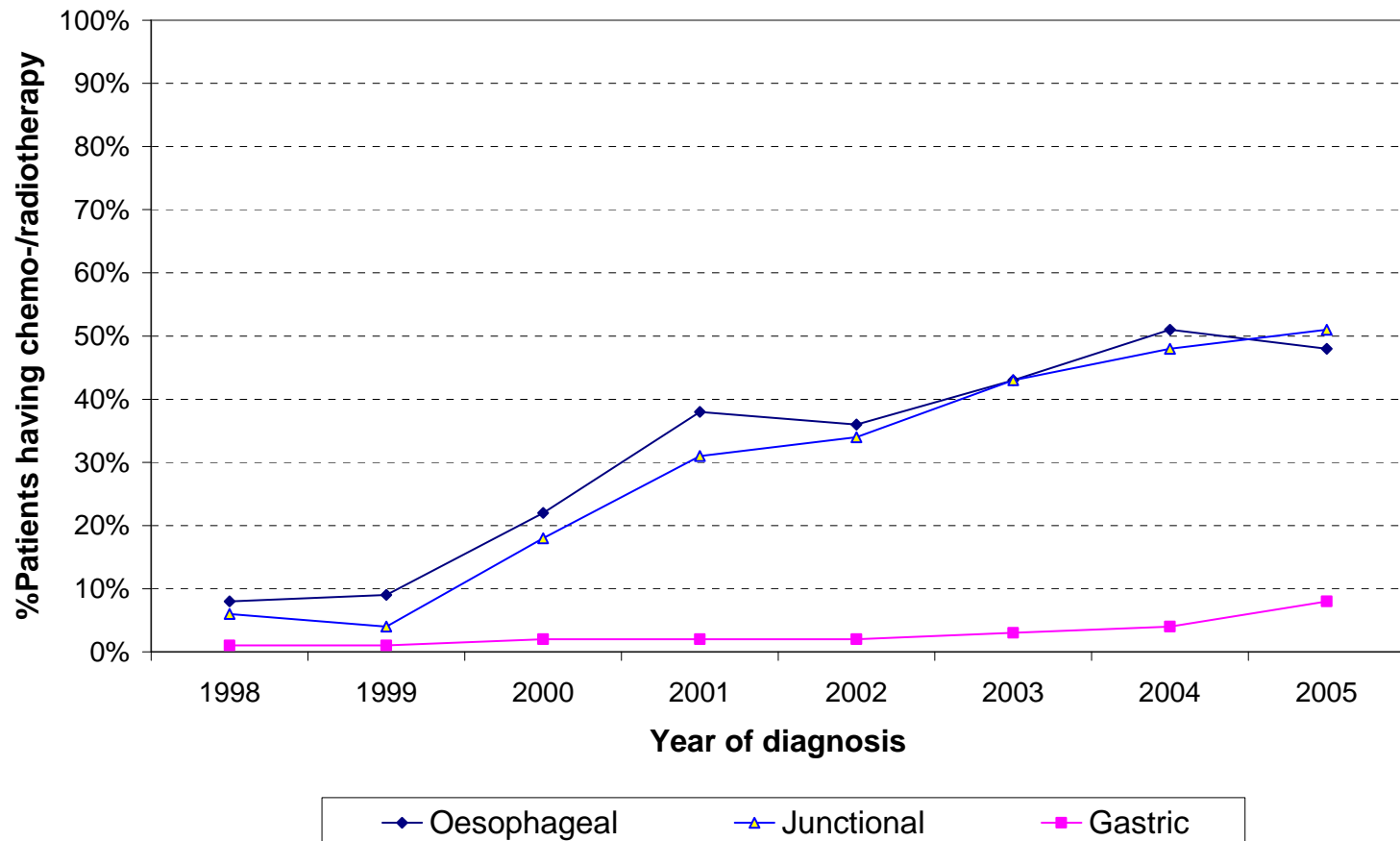
# %Patients having curative surgery

- Overall, drops from 28% to 20%



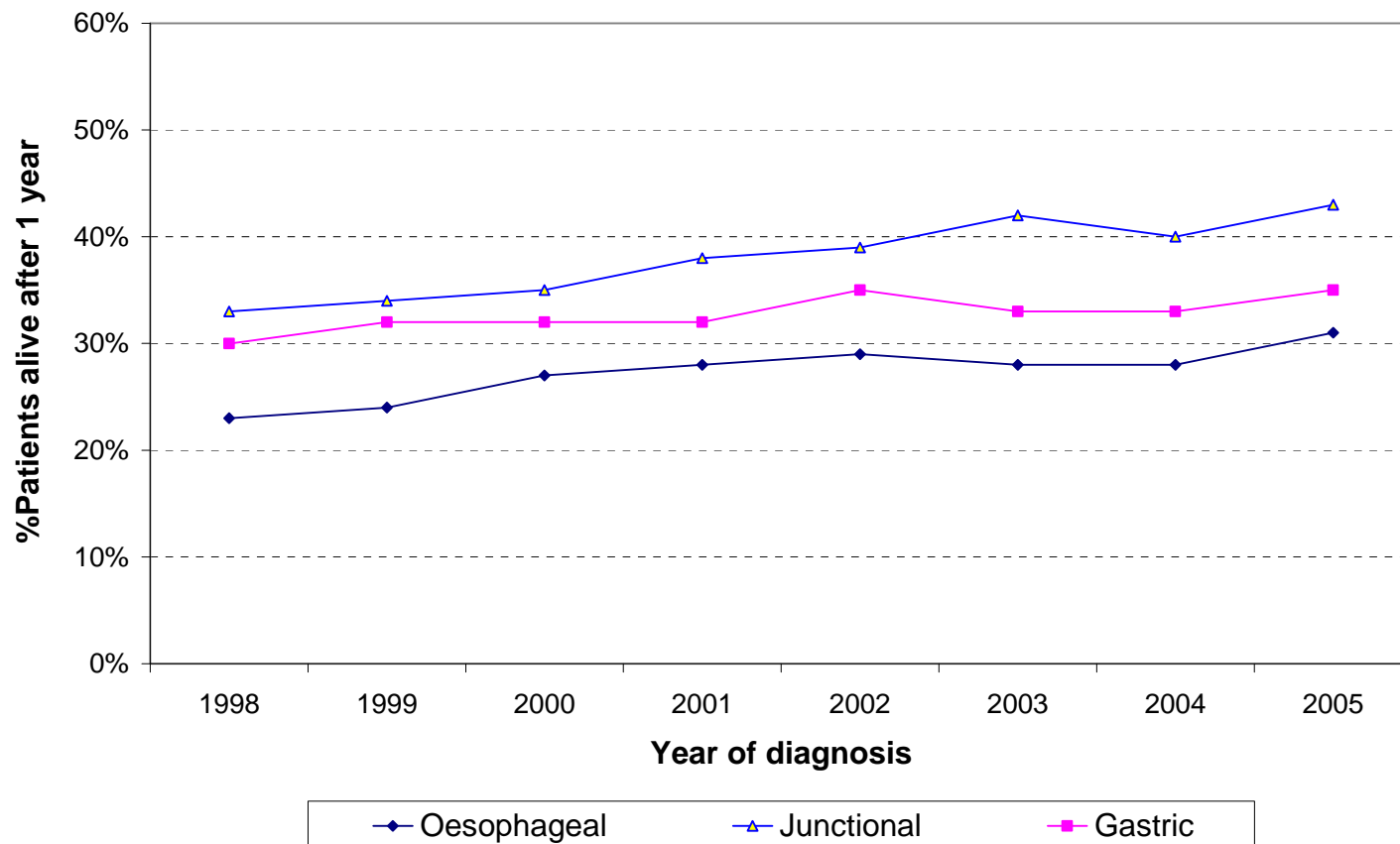


# Resection surgery + Chemo/Radio



# %Patients alive after 1 year

- Overall, rose from 30% to 37% (crude)





# Comments

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- For O-G cancer patients
  - Considerable change in patterns of care
  - Consistent with policies and guidelines
  - Coincides with an increase in survival
- Combining routine datasets can provide a more complete picture of patterns of care
  - But some improvement still required